



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	John H. Oats et al.	Confirmation No.: 5431
Application No:	10/099,883	Group Art Unit: 2637
Filing Date:	March 14, 2002	Examiner: Vlahos, Sophia
Entitled:	WIRELESS COMMUNICATIONS SYSTEMS AND METHODS FOR MULTIPLE PROCESSOR BASED MULTIPLE USER DETECTION	
Atty. Docket No:	102323-00099	

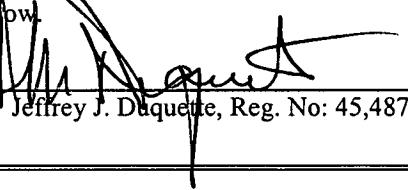
Certificate of Mailing or Transmission(37 C.F.R. 1.8)

I hereby certify that this correspondence is either being transmitted by facsimile to the United States Patent and Trademark Office, Fax No. (571) 273-8300 or deposited with the United States Postal Service Post Office as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date set forth below.

By:

October 12, 2005

Date of Signature and transmission

  
Jeffrey J. Duquette, Reg. No: 45,487

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action mailed on July 12, 2005, please amend the above-identified application as follows:

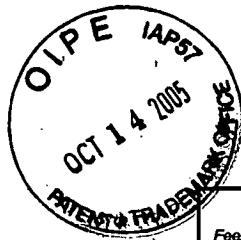
**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.

10/17/2005 AKELECH1 00000022 10099883

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PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 100.00)

Complete if Known	
Application Number	10/099,883-Conf. #5431
Filing Date	March 14, 2002
First Named Inventor	John H. Oates
Examiner Name	S. Vlahos
Art Unit	2637
Attorney Docket No.	102323-0099

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 141449 Deposit Account Name: Nutter McCennen & Fish LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)

Small Entity  
Fee (\$)  
Fee (\$)

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
22	- 20 = 2	x 50.00	= 100.00

Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
	- 3 =	x	=

#### 3. APPLICATION SIZE FEE

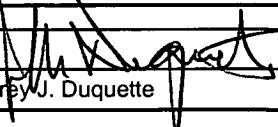
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/50 (round up to a whole number) x	=	

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

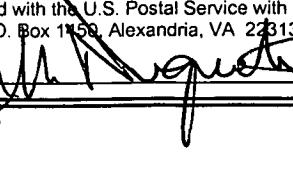
Other (e.g., late filing surcharge): \_\_\_\_\_

SUBMITTED BY		Registration No. (Attorney/Agent)	Telephone
Signature		45,487	(617) 439-2000
Name (Print/Type)	Jeffrey J. Duquette	Date	October 12, 2005

#### Fee Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 12, 2005

Signature:  (Jeffrey J. Duquette)